Załącznik nr 5 do zarządzenia nr 189/2025

COURSE SPECIFICATION

Course code: 0912-7LEK-C-HAI

Course title in Polish: Zakażenia szpitalne
Course title in English: Hospital-Acquired Infections

1. Placement of the course within the study programme

1.1. Field of study	Medicine
1.2. Mode of study	Full-time
1.3. Level of study	Uniform Master's study
1.4. Profile of study	General academic
1.5. Course specification author	prof. zw. dr hab. Robert Bucki
1.6. Contact	robert.bucki@ujk.edu.pl

2. Generał characteristics of the course

2.1. Language of instruction	English
2.2. Entry requirements	-

3. Detailed characteristics of the course

3.1. Type of classes	Lecture- 30h
3.2. Place of course delivery	Traditional classes in the didactic classes of Collegium Medicum
3.3. Form of assessment	Credit with grade
3.4. Teaching methods	Informative lecture
3.5.a. Basic reading list	1. Hospital-Acquired Infections Julia B. Wilcox, Nova Science, 2009 - Medical
3.5.b. Supplementary reading list	1 Epidemic of Medical Errors and Hospital-Acquired Infections. By William Charney 2. https://books.google.pl/books?isbn=0470698608

4. Objectives, content and learning outcomes

4.1. Course objectives (taking into account the form of classes)

- **CO1.** Familiarization with important issues related to epidemiology of nosocomial infections.
- **CO2.** Understanding the possibility of supervision and control of nosocomial infections, with particular reference to infections caused by multi-resistant strains.
- **CO3.** Understanding the management rules in the endemic hospital environment.
- **CO4.** Understanding the specificity of infections in selected groups of patients.
- **CO5.** Getting to know the post-exposure procedures

4.2. Course content (taking into count the form of classes)

Lectures

1. Introduction to the epidemiology of nosocomial infections.
2. Epidemic environment, epidemiological inquiry, focus of inflammation, supervision.
3. The role of the microbiological laboratory in the control of nosocomial infections, screening in preventing the spread of resistant strains.
4. Hospital infections in selected clinical areas.

5. Protection of medical personnel and post-exposure proceedings

4.3. Course learning outcomes

Course learning outcomes (code)	Upon completion of the course, the student	Alignment with programme learning outcomes
	in the area of knowledge knows and understands:	
W01	Microorganisms, including pathogenic ones and those constituting the human microbiome, and forms or development stages of selected parasites that are invasive to humans;	C.W10.
W02	The epidemiology of infections with viruses, bacteria, fungi, prions and parasites including geographical range of their occurrence;	C.W11.
W03	Pathogenesis and pathophysiology of infections and contagions and the impact of pathogenic factors such as viruses, bacteria, fungi, prions and parasites, on the human body and population, including their methods impacts, consequences of exposure and principles of prevention;	C.W12.
W04	The implications of the human body exposure to chemical and physical factors and prevention principles;	C.W13.
W05	Etiology, pathogenesis, pathophysiology, transmission routes, forms and prevention of iatrogenic infections;	C.W14.
W06	Methods used in microbiological and parasitological diagnostics (indications, principles of conducting, interpretation of the result);	C.W15.
W07	Principles of diagnosis of infectious, allergic, autoimmune, cancer and blood diseases, based on the antigenantibody reaction;	C.W16.
W08	Principles of disinfection, sterilization and aseptic procedures;	C.W17.
	in the area of skills knows how to:	
U01	Interpret the results of microbiological tests;	C.U6.
	in the area of social competences is able to:	
K01	Recognize his/her own limitations and self-evaluate educational deficiencies and needs;	K.S5.
K02	Use reliable information sources;	K.S7.
K03	Conclude on the basis of own surveys and observations;	K.S8.
K04	Introduce rules of social conduct and teamwork to the group of specialists, including specialists form other medical professions also in the multicultural and multinational environment;	K.S9.
K05	Give opinions concerning various aspects of professional activity;	K.S10.
K06	Take responsibility for own decisions made during professional activities including own safety and safety of other people.	K.S11.

4.4. Assessment methods for learning outcomes

	Assessment method (+/-)						
Course learning outcomes (code)	**Oral/written/ practical examinaion /other (specify)***	**Test***	**Project***	**In-class activity***	**Independent study***	**Group work***	**Other Observation**
	Type of classes						

1: / 2:	L	C	...	L	C	...	L	C	...	L	C	...	L	C	...	L	C	...	L	C	...
W01				+																	
W02				+																	
W03				+																	
W04				+																	
W05				+																	
W06				+																	
U01				+																	
K01-K06																			+		

Annotation. 1: form of classes; 2: learning outcomes

4.5. Assessment criteria for learning outcomes

Type of classes:

LECTURE (L) (including classes conducted with the use of distance learning methods and techniques)

Grade	Assessment criteria
3,0	61% - 68%. Mastering program content at the elementary level, chaotic answers, guidance questions necessary
3,5	69% -76%. Mastering program content at the elementary level, systematized answers, teacher's help required.
4,0	77% -84%. Mastering program content at the elementary level, systematized answers, independent. Solving problems in typical situations.
4,5	85% -92% The scope of the presented knowledge goes beyond the basic level based on the supplementary reference literature. Solving problems in new and complex situations.
5,0	93% -100% The scope of the presented knowledge goes beyond the basic level based on independently acquired scientific sources of information

5. ECTS credit allocation – student workload

Category	Student workload (full-time mode)	Student workload (part-time mode)
NUMBER OF HOURS WITH THE DIRECT PARTICIPATION OF THE TEACHER (CONTACT HOURS)	**30**	
Participation in lectures*	30	
Participation in seminars/laboratories*		
Other (specify) e.g. classes conducted with the use of distance learning methods and techniques*		
INDEPENDENT STUDY (NON-CONTACT HOURS)	**20**	
Preparation for lectures*	20	
Preparation for seminars/laboratories*		
Preparation for examination/test*		
Gathering materials for project, online research*		
Preparation of a multimedia presentation*		
Other (specify)*		
TOTAL HOURS	**50**	
ECTS CREDITS for the course	**2**	

*** delete as appropriate**

Approved for implementation (date and legible signatures of course instructors in the given academic year):

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